

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/500,561A  
Source: IFWP  
Date Processed by STIC: 4/14/06

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IFWP

## RAW SEQUENCE LISTING

DATE: 04/14/2006

PATENT APPLICATION: US/10/500,561A

TIME: 09:36:52

Input Set : A:\Substitute Seq List.txt

Output Set: N:\CRF4\04142006\J500561A.raw

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3 <110> APPLICANT: MINAMITAKE, Yoshiharu
4     MATSUMOTO, Masaru
6 <120> TITLE OF INVENTION: Medical Compositions Containing Ghrelin
8 <130> FILE REFERENCE: 58778.000003
10 <140> CURRENT APPLICATION NUMBER: 10/500,561A
C--> 11 <141> CURRENT FILING DATE: 2005-03-21
13 <150> PRIOR APPLICATION NUMBER: PCT/JP03/06349
14 <151> PRIOR FILING DATE: 2003-05-21
16 <150> PRIOR APPLICATION NUMBER: JP 2002-146155
17 <151> PRIOR FILING DATE: 2002-05-21
19 <160> NUMBER OF SEQ ID NOS: 21
21 <170> SOFTWARE: PatentIn version 3.1
23 <210> SEQ ID NO: 1
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25 <212> TYPE: PRT
26 <213> ORGANISM: Homo sapiens
28 <220> FEATURE:
29 <221> NAME/KEY: PEPTIDE
30 <222> LOCATION: (1)..(28)
31 <223> OTHER INFORMATION: Amino acid sequence for human endogenous peptides of growth
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32     ne secretagogue
35 <400> SEQUENCE: 1
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38 1           5           10           15
41 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
42           20           25
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50 <220> FEATURE:
51 <221> NAME/KEY: PEPTIDE
52 <222> LOCATION: (1)..(27)
53 <223> OTHER INFORMATION: Amino acid sequence for human endogenous peptides (27 amino
acids
54     ) of growth hormone secretagogue
57 <400> SEQUENCE: 2
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64           20           25
67 <210> SEQ ID NO: 3
68 <211> LENGTH: 28

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69 <212> TYPE: PRT

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70 <213> ORGANISM: Rattus norvegicus
72 <220> FEATURE:
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74 <222> LOCATION: (1)..(28)
75 <223> OTHER INFORMATION: Amino acid sequence for rat endogenous peptides of growth
hormone
76         secretagogue
79 <400> SEQUENCE: 3
81 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys
82 1             5             10             15
85 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
86         20             25
89 <210> SEQ ID NO: 4
90 <211> LENGTH: 27
91 <212> TYPE: PRT
92 <213> ORGANISM: Rattus norvegicus
94 <220> FEATURE:
95 <221> NAME/KEY: PEPTIDE
96 <222> LOCATION: (1)..(27)
97 <223> OTHER INFORMATION: Amino acid sequence for rat endogenous peptides of growth
hormon
98         e secretagogue
101 <400> SEQUENCE: 4
103 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Arg Lys Glu
104 1             5             10             15
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108         20             25
111 <210> SEQ ID NO: 5
112 <211> LENGTH: 28
113 <212> TYPE: PRT
114 <213> ORGANISM: Mus musculus
116 <220> FEATURE:
117 <221> NAME/KEY: PEPTIDE
118 <222> LOCATION: (1)..(28)
119 <223> OTHER INFORMATION: Amino acid sequence for mouse endogenous peptides of growth
hormo
120         ne secretagogue
123 <400> SEQUENCE: 5
125 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys
126 1             5             10             15
129 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
130         20             25
133 <210> SEQ ID NO: 6
134 <211> LENGTH: 28
135 <212> TYPE: PRT
136 <213> ORGANISM: Sus scrofa
138 <220> FEATURE:
139 <221> NAME/KEY: PEPTIDE
140 <222> LOCATION: (1)..(28)
141 <223> OTHER INFORMATION: Amino acid sequence for porcine endogenous peptides of
growth hor
142         mone secretagogue
145 <400> SEQUENCE: 6

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147 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys
148 1          5          10          15
151 Glu Ser Lys Lys Pro Ala Ala Lys Leu Lys Pro Arg
152          20          25
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156 <211> LENGTH: 27
157 <212> TYPE: PRT
158 <213> ORGANISM: Bos taurus
160 <220> FEATURE:
161 <221> NAME/KEY: PEPTIDE
162 <222> LOCATION: (1)..(27)
163 <223> OTHER INFORMATION: Amino acid sequence for bovine endogenous peptides (27 amino
acid
164          s) of growth hormone secretagogue
167 <400> SEQUENCE: 7
169 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Leu Gln Arg Lys Glu
170 1          5          10          15
173 Ala Lys Lys Pro Ser Gly Arg Leu Lys Pro Arg
174          20          25
177 <210> SEQ ID NO: 8
178 <211> LENGTH: 27
179 <212> TYPE: PRT
180 <213> ORGANISM: Ovis aries
182 <220> FEATURE:
183 <221> NAME/KEY: PEPTIDE
184 <222> LOCATION: (1)..(27)
185 <223> OTHER INFORMATION: Amino acid sequence for ovine endogenous peptides (27 amino
acids
186          ) of growth hormone secretagogue
189 <400> SEQUENCE: 8
191 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Leu Gln Arg Lys Glu
192 1          5          10          15
195 Pro Lys Lys Pro Ser Gly Arg Leu Lys Pro Arg
196          20          25
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202 <213> ORGANISM: Canis familiaris
204 <220> FEATURE:
205 <221> NAME/KEY: PEPTIDE
206 <222> LOCATION: (1)..(28)
207 <223> OTHER INFORMATION: Amino acid sequence for dog endogenous peptides of growth
hormone
208          secretagogue
211 <400> SEQUENCE: 9
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214 1          5          10          15
217 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
218          20          25
221 <210> SEQ ID NO: 10
222 <211> LENGTH: 21
223 <212> TYPE: PRT

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224 <213> ORGANISM: Anguilla japonica

226 <220> FEATURE:

227 <221> NAME/KEY: PEPTIDE

228 <222> LOCATION: (1)..(21)

229 <223> OTHER INFORMATION: Amino acid sequence for eel endogenous peptides of growth hormone

230           secretagogue. This peptide is amidated at C-terminus.

233 <400> SEQUENCE: 10

235 Gly Ser Ser Phe Leu Ser Pro Ser Gln Arg Pro Gln Gly Lys Asp Lys

236 1                               5                               10                               15

239 Lys Pro Pro Arg Val

240                               20

243 <210> SEQ ID NO: 11

244 <211> LENGTH: 23

245 <212> TYPE: PRT

246 <213> ORGANISM: Oncorhynchus mykiss

248 <220> FEATURE:

249 <221> NAME/KEY: PEPTIDE

250 <222> LOCATION: (1)..(23)

251 <223> OTHER INFORMATION: Amino acid sequence for rainbow trout endogenous peptides

(23) ami

252           no acids) of growth hormone secretagogue. This peptide is amidate

253           d at C-terminus.

256 <400> SEQUENCE: 11

258 Gly Ser Ser Phe Leu Ser Pro Ser Gln Lys Pro Gln Val Arg Gln Gly

259 1                               5                               10                               15

262 Lys Gly Lys Pro Pro Arg Val

263                               20

266 <210> SEQ ID NO: 12

267 <211> LENGTH: 20

268 <212> TYPE: PRT

269 <213> ORGANISM: Oncorhynchus mykiss

271 <220> FEATURE:

272 <221> NAME/KEY: PEPTIDE

273 <222> LOCATION: (1)..(20)

274 <223> OTHER INFORMATION: Amino acid sequence for rainbow trout endogenous peptides

(20) ami

275           no acids) of growth hormone secretagogue. This peptide is amidat

276           ed at C-terminus.

279 <400> SEQUENCE: 12

281 Gly Ser Ser Phe Leu Ser Pro Ser Gln Lys Pro Gln Gly Lys Gly Lys

282 1                               5                               10                               15

285 Pro Pro Arg Val

286                               20

289 <210> SEQ ID NO: 13

290 <211> LENGTH: 24

291 <212> TYPE: PRT

292 <213> ORGANISM: Gallus domesticus

294 <220> FEATURE:

295 <221> NAME/KEY: PEPTIDE

296 <222> LOCATION: (1)..(24)

297 <223> OTHER INFORMATION: Amino acid sequence for chicken endogenous peptides of growth hor

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Input Set : A:\Substitute Seq List.txt

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298      mone secretagogue
301 <400> SEQUENCE: 13
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307 Gly Thr Arg Lys Pro Thr Ala Arg
308      20
311 <210> SEQ ID NO: 14
312 <211> LENGTH: 24
313 <212> TYPE: PRT
314 <213> ORGANISM: Gallus domesticus
316 <220> FEATURE:
317 <221> NAME/KEY: PEPTIDE
318 <222> LOCATION: (1)..(24)
319 <223> OTHER INFORMATION: Amino acid sequence for chicken endogenous peptides of
growth hor
320      mone secretagogue
323 <400> SEQUENCE: 14
325 Gly Ser Ser Phe Leu Ser Pro Thr Tyr Lys Asn Ile Gln Gln Gln Lys
326 1          5          10          15
329 Asp Thr Arg Lys Pro Thr Ala Arg
330      20
333 <210> SEQ ID NO: 15
334 <211> LENGTH: 26
335 <212> TYPE: PRT
336 <213> ORGANISM: Gallus domesticus
338 <220> FEATURE:
339 <221> NAME/KEY: PEPTIDE
340 <222> LOCATION: (1)..(26)
341 <223> OTHER INFORMATION: Amino acid sequence for chicken endogenous peptides of
growth hor
342      mone secretagogue
345 <400> SEQUENCE: 15
347 Gly Ser Ser Phe Leu Ser Pro Thr Tyr Lys Asn Ile Gln Gln Gln Lys
348 1          5          10          15
351 Asp Thr Arg Lys Pro Thr Ala Arg Leu His
352      20          25
355 <210> SEQ ID NO: 16
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357 <212> TYPE: PRT
358 <213> ORGANISM: Rana catesbeiana
360 <220> FEATURE:
361 <221> NAME/KEY: PEPTIDE
362 <222> LOCATION: (1)..(27)
363 <223> OTHER INFORMATION: Amino acid sequence for frog endogenous peptides of growth
hormon
364      e secretagogue
367 <400> SEQUENCE: 16
369 Gly Leu Thr Phe Leu Ser Pro Ala Asp Met Gln Lys Ile Ala Glu Arg
370 1          5          10          15
373 Gln Ser Gln Asn Lys Leu Arg His Gly Asn Met
374      20          25
377 <210> SEQ ID NO: 17

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**VERIFICATION SUMMARY**

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Output Set: N:\CRF4\04142006\J500561A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date